

[illegible]

[illegible]

```
0001 0 MODULE settime ( IDENT = 'V04-000',
0002 0 ADDRESSING_MODE (EXTERNAL = GENERAL)) =
0003 1 BEGIN
0004 1
0005 1 *****
0006 1 *
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0023 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0024 1 *
0025 1 *****
0026 1
0027 1
0028 1 **
0029 1 FACILITY: SETPRO Command
0030 1
0031 1 ABSTRACT:
0032 1
0033 1 This utility sets the system time.
0034 1
0035 1 ENVIRONMENT:
0036 1
0037 1 VAX/VMS operating system. Privileged user mode.
0038 1
0039 1 AUTHOR: Gerry Smith 6-Jan-1983
0040 1
0041 1 Modified by:
0042 1
0043 1 V03-001 GAS0112 29-Mar-1983
0044 1 Remove last traces of old command dispatcher.
0045 1
0046 1 --
```


SETTIME
V04-000

C 16
16-Sep-1984 01:01:27
14-Sep-1984 12:09:21

VAX-11 Bliss-32 V4.0-742
[CLIUTL.SRC]SETTIME.B32;1

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```
: 48
: 49
: 50
: 51

0047 1 !
0048 1 ! Include files
0049 1 !
0050 1 LIBRARY 'SYS$LIBRARY:STARLET'; ! VAX/VMS common definitions
```

```

53 0051 1 |
54 0052 1 | Table of contents
55 0053 1 |
56 0054 1 |
57 0055 1 FORWARD ROUTINE
58 0056 1 set$time : NOVALUE; ! Routine to set the time
59 0057 1
60 0058 1 |
61 0059 1 | External routines
62 0060 1 |
63 0061 1 EXTERNAL ROUTINE
64 0062 1 cli$get_value, ! CLI routine to get the time
65 0063 1 lib$cvtime; ! Routine to convert to system time
66 0064 1
67 0065 1 |
68 0066 1 | External definitions
69 0067 1 |
70 0068 1 EXTERNAL LITERAL
71 0069 1 set$_writeerr; ! Error modifying...
72 0070 1
73 0071 1 |
74 0072 1 | Declare some shared messages
75 0073 1 |
76 P 0074 1 $SHR_MSGDEF (SET,119,LOCAL,
77 P 0075 1 (invquaval, error),
78 0076 1 (valerr, error));
79 0077 1
80 0078 1

```

```
0079 1 GLOBAL ROUTINE set$time : NOVALUE =
0080 2 BEGIN
0081 3 ++
0082 4 Functional description
0083 5
0084 6 This is the routine for the SET TIME command.
0085 7 It is called from the SET command processor.
0086 8
0087 9 Inputs
0088 10 None
0089 11
0090 12 Outputs
0091 13 None
0092 14
0093 15 ----
0094 16
0095 17 LOCAL
0096 18 status,
0097 19 time : VECTOR[2] INITIAL(0,0),
0098 20 time_desc : $BLOCK[dsc$c_s_b[n];
0099 21
0100 22
0101 23 First, get the time value by asking the CLI for it.
0102 24
0103 25 $init_dyndesc(time_desc);
0104 26 IF cli$get_value(%ASCII 'TIME',
0105 27 time_desc)
0106 28 THEN
0107 29 BEGIN
0108 30 IF NOT (status = lib$cvt_time(time_desc, time))
0109 31 THEN
0110 32 BEGIN
0111 33 SIGNAL(set$_writeerr, 1, %ASCII 'time', set$_valerr);
0112 34 RETURN;
0113 35 END;
0114 36 END;
0115 37
0116 38
0117 39 Set the time.
0118 40
0119 41 IF NOT (status = $SETIME(TIMADR = time))
0120 42 THEN SIGNAL(set$_writeerr, 1, %ASCII 'time', .status);
0121 43
0122 44 RETURN;
0123 45 END;
```

```
.TITLE SETTIME
.IDENT \V04-000\
.PSECT $PLITS,NOWRT,NOEXE,2
```

```
45 4D 49 54 00000 P.AAB: .ASCII \TIME\
      010E0004 00004 P.AAA: .LONG 17694724
      00000000 00008 .ADDRESS P.AAB
65 6D 69 74 0000C P.AAD: .ASCII \time\
      010E0004 00010 P.AAC: .LONG 17694724
```


65	6D	00000000'	00014		.ADDRESS P.AAD	
		69	74	00018	P.AAF: .ASCII \time\	
		010E0004	0001C	P.AAE: .LONG 17694724		
		00000000'	00020		.ADDRESS P.AAF	
					.EXTRN CLISGET_VALUE, LIB\$CVT_TIME	
					.EXTRN SET\$WRITEERR, SYS\$SETIME	
					.PSECT \$CODE\$,NOWRT,2	
			0004	00000	.ENTRY SET\$TIME, Save R2	0079
5E		04	0C	C2	SUBL2 #12, SP	
	04		AE	7C	CLRQ TIME	0080
	020E0000		8F	DD	PUSHL #34471936	0103
	04		AE	D4	CLRL TIME_DESC+4	
			5E	DD	PUSHL SP	0104
	0000'		CF	9F	PUSHAB P.AAA	
00000000G	00		02	FB	CALLS #2, CLISGET_VALUE	
	1F		50	E9	BLBC R0, 1\$	
		08	AE	9F	PUSHAB TIME	0108
		04	AE	9F	PUSHAB TIME_DESC	
00000000G	00		02	FB	CALLS #2, LIB\$CVT_TIME	
	52		50	D0	MOVL R0, STATUS	
	0C		52	E8	BLBS STATUS, 1\$	
	007711EA		8F	DD	PUSHL #7803370	0111
	0000'		CF	9F	PUSHAB P.AAC	
			16	11	BRB 2\$	
	08		AE	9F	PUSHAB TIME	0119
00000000G	00		01	FB	CALLS #1, SYS\$SETIME	
	52		50	D0	MOVL R0, STATUS	
	15		52	E8	BLBS STATUS, 3\$	
			52	DD	PUSHL STATUS	0120
		0000'	CF	9F	PUSHAB P.AAE	
			01	DD	PUSHL #1	
00000000G	00	00000000G	8F	DD	PUSHL #SET\$WRITEERR	
			04	FB	CALLS #4, LIB\$SIGNAL	
			04	00065	RET	0123

; Routine Size: 102 bytes, Routine Base: \$CODE\$ + 0000

SETTIME
V04-000

G 16
16-Sep-1984 01:01:27
14-Sep-1984 12:09:21

VAX-11 Bliss-32 V4.0-742
[CLIUTL.SRC]SETTIME.B32;1

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: 128 0124 1 END
: 129 0125 0 ELUDOM

.EXTRN LIB\$SIGNAL

PSECT SUMMARY

Name	Bytes	Attributes
\$SPLITS	36	NOVEC,NOWRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPI,ALIGN(2)
\$CODES	102	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPI,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	17	0	581	00:01.0

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:SETTIME/OBJ=OBJ\$:SETTIME MSRC\$:SETTIME/UPDATE=(ENHS:SETTIME)

: Size: 102 code + 36 data bytes
: Run Time: 00:03.6
: Elapsed Time: 00:13.6
: Lines/CPU Min: 2106
: Lexemes/CPU-Min: 12674
: Memory Used: 54 pages
: Compilation Complete

0054 AH-BT13A-SE
VAX/VMS V4.0

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SETPROCES
LIS

SETSHOBRO
LIS

SETVOLUME
LIS

SETPWD
LIS

SETTERM
LIS

SETQUEUE
LIS

SETTIME
LIS